

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/BR 2003/000177-0

## CLASSIFICATION OF SUBJECT MATTER

IPC<sup>7</sup>: C07C 49/217, A61K 31/12

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC<sup>7</sup>: C07C, A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

CAS, REGISTRY, WPI, EPODOC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4521629 A (AMERICAN CYANAMID CO) 4 June 1985 (04.06.1985); cited in the application <i>claim 1</i> .	1,2
X	Ramanan, P. N.; Rao, M. N. A. "Synthesis and evaluation of 1,5-diphenylpenta-1,4-dien-3-ones as antiinflammatory agents" Indian Journal of Pharmaceutical Sciences (1989), 51(5), 207-8 (abstract). Chemical Abstracts [online] Copyright 2004 American Chemical Society [retrieved on 26 May 2004 (26.05.2004)]. Retrieved from STN International, Karlsruhe. Chem. Abstr. No. 1991:42183; cited in the application. <i>abstract</i> .	1,2

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

\* Special categories of cited documents:

„A“ document defining the general state of the art which is not considered to be of particular relevance

„E“ earlier application or patent but published on or after the international filing date

„L“ document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

„O“ document referring to an oral disclosure, use, exhibition or other means

„P“ document published prior to the international filing date but later than the priority date claimed

„T“ later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

„X“ document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

„Y“ document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

„&amp;“ document member of the same patent family

Date of the actual completion of the international search

27 May 2004 (27.05.2004)

Date of mailing of the international search report

7 July 2004 (07.07.2004)

Name and mailing address of the ISA/AT

Austrian Patent Office

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## INTERNATIONAL SEARCH REPORT

International application No.

PCT/BR 03/00177-0

## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	Sardjiman, S. S.; Reksohadiprodjo, M. S.; Hakim, L.; Van Der Goot, H.; Timmerman, H. "1,5-Diphenyl-1,4-pentadiene-3-ones and cyclic analogs as antioxidative agents. Synthesis and structure-activity relationship" <i>European Journal of Medicinal Chemistry</i> (1997), 32(7-8), 625-630 (abstract). <i>Chemical Abstracts</i> [online] Copyright 2004 American Chemical Society [retrieved on 26 May 2004 (26.05.2004)]. Retrieved from STN International, Karlsruhe. Chem. Abstr. No. 1997:551337; cited in the application. <i>abstract.</i>	1,2
X	Masuda, Toshiya; Iltos, Akiko; Isobe, Junko; Nakatani, Nobuji; Yonemori, Sigetomo "Anti-oxidative and anti-inflammatory curcumin-related phenolics from rhizomes of <i>Curcuma domestica</i> " <i>Phytochemistry</i> (1993), 32(6), 1557-60 (abstract). <i>Chemical Abstracts</i> [online] Copyright 2004 American Chemical Society [retrieved on 27 May 2004 (27.05.2004)]. Retrieved from STN International, Karlsruhe. Chem. Abstr. No. 1993:440492. <i>abstract.</i>	1,2
Y	Jerry March "Advanced Organic Chemistry. Reactions, Mechanisms and Structure" 4th ed., John Wiley & Sons, New York 1992, ISBN 0-471-58148-8; <i>page 364, line 31 - p. 365, line 10.</i>	1
Y	"Organikum. Organisch-chemisches Grundpraktikum" 18th ed., Deutscher Verlag der Wissenschaften, Berlin 1990; <i>page 452, general procedure for aldol additions, method D; table 7.128.</i>	2
Y	<i>page 459, general procedure for knoevenagel reactions, methods A, B; table 7.142.</i>	7

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**Certain observations:**

The claims are not considered to meet the requirements of PCT-Article 6 and PCT-Rule 6, because the claims do not clearly define the matter for which protection is sought. For further processing of the application, the claims should be amended.

**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International application No.  
PCT/BR 03/00177-0

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
A			none	
US	A 4521629	1985-06-04	none	

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